



FACULTY OF ELECTRICAL ENGINEERING, ELECTRONIC AND AUTOMATION

Dear Students, Dear Partners,

**This is a list of courses from the curricula in the Faculty of EEEA,
from which one can select courses **offered face to face**
in a foreign language
in academic year 2026/2027!**

**The summary of these courses
can be found in the ECTS package of the Faculty!**

COURSES IN ENGLISH

Code	Subjects	ECTS credits	Teacher	1 st sem	2 nd sem
BACHELOR LEVEL					
S01604	Mathematics 1	6	Assoc. Prof. Yuliya Chaparova, PhD	YES	YES
S02793	Mathematics 2	5	Assoc. Prof. Yuliya Chaparova, PhD	YES	YES
S03065	Mathematics 3	5	Assoc. Prof. Iliyana Raeva, PhD	YES	YES
S02521	Physics 1	6	Assist. Prof. Stanimir Penev, PhD	YES	YES
S01022	Physics 2	4	Assist. Prof. Stanimir Penev, PhD	YES	YES
SB15450	English Language 1	2	Assist. Prof. Pencho Kamburov	YES	YES
SB15455	English Language 2	2	Assist. Prof. Pencho Kamburov	YES	YES
SB15456	Technical English	3	Assist. Prof. Pencho Kamburov	YES	YES
S03159	Marketing	4	Prof. Diana Antonova, DSc	YES	YES
S03160	International Economics	4	Assoc. Prof. Alexander Kosuliev, PhD	YES	YES
S03105	Economics	4	Assist. Prof. Elizar Stanev, PhD	YES	YES
S03161	Company Management	4	Assoc. Prof. Svilen Kunev, PhD	YES	YES
SB11273	Company Culture and Business Ethics	3	Prof. Yuliana Popova, PhD	YES	YES
SB11271	Business Communication and Public Relations	3	Assist. Prof. Nataliya Venelinova, PhD	YES	YES
SB11272	Business Negotiations and Correspondence	3	Assist. Prof. Hristina Sokolova, PhD	YES	YES
SB15447	Programing	9	Prof. Tzvetomir Vassilev, PhD	YES	YES
S00133	Electrical Safety	2	Prof. Ivaylo Stoyanov, PhD	YES	YES
S00411	Electrical Material Science	5	Prof. Nikola Mihailov, PhD	YES	YES
SB10647	Renewable Energy Resources and Energy Technologies	8	Prof. Nikola Mihailov, PhD	YES	YES
SB10652	Management of Electrical Engineering	4	Prof. Nikola Mihailov, PhD	YES	NO

S03243	Lighting and installation equipment	7	Assoc. Prof. Orlin Petrov, PhD	YES	YES
S00755	Short Circuits	5	Assoc. Prof. Ognyan Dinolov, PhD	YES	NO
S03238	Electric Power Stations and Substations Engineering	7	Assoc. Prof. Ognyan Dinolov, PhD	YES	NO
S03250	Protective Relaying	6	Assoc. Prof. Ognyan Dinolov, PhD	YES	NO
SB17666	Semiconductor Devices	5	Assist. Prof. Yavor Neikov, PhD	YES	YES
SB15452	Theory of Electrical Engineering	7	Prof. Boris Evstatiev, DSc	YES	YES
S03063	Synthesis and Analysis of Logic Devices	5	Assoc. Prof. Nadezhda Evstatieva, PhD	YES	YES
SB17665	Signals and Systems	6	Assist. Prof. Yavor Neikov, PhD	YES	YES
SB17685	Automation of the Design in Electronics	6	Assoc. Prof. Seher Kadirova, PhD	YES	NO
SB17681	Design and Technology of Electronic Systems	6	Assoc. Prof. Seher Kadirova, PhD	NO	YES
SB17689	Special and Power Semiconductor Components	2	Assoc. Prof. Seher Kadirova, PhD	YES	NO
SB17670	Practice in electrical engineering	3	Assoc. Prof. Seher Kadirova, PhD	YES	YES
SB17711	Process control	7	Assist. Prof. Martin Deyanov, PhD	YES	YES
SB17709	Computer Control Systems	7	Assoc. Prof. Tsvetelina Georgieva, PhD	YES	YES
SB17718	CAD in electrical engineering	7	Assoc. Prof. Tsvetelina Georgieva, PhD	YES	YES
SB17715	Programmable logic controllers	7	Prof. Plamen Daskalov, PhD	YES	YES
SB17716	Industrial Communication Networks of Computer Control Systems	5	Assoc. Prof. Tsvetelina Georgieva, PhD	YES	YES
SB10695	CAD in Mechatronics	7	Assoc. Prof. Aleksandar Ivanov, PhD	YES	YES
SB17702	Control Theory-1	8	Assoc. Prof. Donka Ivanova, PhD	YES	YES
SB17704	Control Theory-2	7	Assoc. Prof. Donka Ivanova, PhD	YES	YES
SB17691	Electronic Regulators	3	Assoc. Prof. Stanislav Penchev, PhD	YES	YES
SB17710	System Identification	6	Assoc. Prof. Stanislav Penchev, PhD	YES	YES
SB17725	Quality Control	3	Assoc. Prof. Stanislav Penchev, PhD	YES	YES
SB17703	Electromechanical devices	6	Assoc. Prof. Venelin Yakov, PhD	YES	YES
S03062	Synthesis and Analysis of Algorithms	7	Prof. Tsvetoza Georgiev, PhD	YES	YES
S03074	System Programming	4	Prof. Tsvetoza Georgiev, PhD Assoc. Prof. Georgi Georgiev, PhD	YES	YES
SB11277	Multimedia Systems and Technologies	4	Prof. Tsvetoza Georgiev, PhD	YES	YES
S03067	Databases	6	Assoc. Prof. Irena Valova, PhD Assist. Prof. Tsvetelina Kaneva, PhD	YES	NO
S03076	Design Technology	4	Assoc. Prof. Anelia Ivanova, PhD	YES	YES
S03070	Computer Organization	6	Assoc. Prof. Anelia Ivanova, PhD	YES	YES
S03071	Computer Graphics	4	Assist. Prof. Eliza Ibryamova, PhD	YES	YES
SB15462	Artificial Intelligence	6	Assoc. Prof. Svetlana Stefanova, PhD	YES	YES
S03064	Web Design	5	Assist. Prof. Yordan Kalmukov, PhD	YES	YES
SB15459	Computer Reliability and Security	6	Assoc. Prof. Galina Ivanova, PhD Assist. Prof. Pavel Zlatarov, PhD	YES	YES
S03073	Software Engineering	6	Assoc. Prof. Galina Ivanova, PhD Assist. Prof. Pavel Zlatarov, PhD	YES	YES
S03094	Language Processors	5	Assist. Prof. Tzanko Golemanov, PhD	YES	YES
SB15458	Cryptography and Data Security	6	Assoc. Prof. Emilia Golemanova, PhD	YES	YES

S01184	Logic Programming	5	Assoc. Prof. Emilia Golemanova, PhD	YES	YES
SM13952	Advanced Algorithm Design	5	Assoc. Prof. Emilia Golemanova, PhD	YES	YES
SB11289	Computer Graphics Systems	4	Assoc. Prof. Svetlana Stefanova, PhD	YES	YES
S03078	Integrated Development Environment	4	Assist. Prof. Elitsa Ibryamova, PhD	YES	YES
S03069	Digital Electronics	4	Assoc. Prof. Adriana Borodzhieva, PhD	YES	YES
S03150	Pulse and Digital Devices (for Computer Control and Automation)	5	Assoc. Prof. Adriana Borodzhieva, PhD	YES	YES
S00327	Pulse and Digital Devices (for Information and Communication Technologies)	6	Assoc. Prof. Adriana Borodzhieva, PhD	YES	YES
S03109	Pulse and Digital Devices (for Internet and Mobile Communications)	5	Assoc. Prof. Adriana Borodzhieva, PhD	YES	YES
S03111	Course Project on Pulse and Digital Devices (for Internet and Mobile Communications)	2	Assoc. Prof. Adriana Borodzhieva, PhD	YES	YES
S03198	Pulse and Digital Devices (for Electronics)	10	Assoc. Prof. Adriana Borodzhieva, PhD	YES	YES
S01032	Digital Signal Processing (for Information and Communication Technologies)	6	Assoc. Prof. Adriana Borodzhieva, PhD	YES	YES
S03110	Digital Signal Processing (for Internet and Mobile Communications)	6	Assoc. Prof. Adriana Borodzhieva, PhD	YES	YES
S03114	Communication Circuits	4	Assoc. Prof. Adriana Borodzhieva, PhD	YES	YES
S03116	Teletraffic Engineering	6	Assoc. Prof. Adriana Borodzhieva, PhD	YES	YES
S03124	Course Project on Teletraffic Engineering	2	Assoc. Prof. Adriana Borodzhieva, PhD	YES	YES
S01672	Discrete Structures and Modelling (for Information and Communication Technologies)	5	Assoc. Prof. Adriana Borodzhieva, PhD	YES	YES
SB15457	Discrete Structures and Modelling (for Computer Systems and Technologies)	5	Assoc. Prof. Adriana Borodzhieva, PhD	YES	YES
SB10682	Coding in Telecommunication Systems	3	Assoc. Prof. Adriana Borodzhieva, PhD	YES	YES
SB10680	Databases (for Internet and Mobile Communications)	3	Assoc. Prof. Adriana Borodzhieva, PhD	YES	YES
S03127	Telecommunication Security	4	Prof. Plamen Zahariev, PhD	YES	YES
S03130	Wireless Technologies for Data Transfer	5	Prof. Plamen Zahariev, PhD	YES	YES
S02015	Network Administration	6	Prof. Plamen Zahariev, PhD	YES	YES
S02024	Information and Communication Security	6	Prof. Plamen Zahariev, PhD	YES	YES
S02023	Network and computer security	6	Prof. Plamen Zahariev, PhD	YES	YES
S02027	Applications and Systems for Mobile Terminals and Devices	4	Prof. Plamen Zahariev, PhD	YES	YES
SB13698	Programming of mobile	4	Prof. Plamen Zahariev, PhD	YES	YES

	devices				
SB13695	Radio Communication Technologies	5	Assist. Prof. Ivanka Tsvetkova, PhD	YES	NO
SB15448	3D Technologies	5	Prof. Georgi Hristov, PhD	YES	YES
SB15468	Communication Networks and Systems	5	Prof. Georgi Hristov, PhD	YES	YES
S03132	Course Project on Communication Networks and Systems	2	Prof. Georgi Hristov, PhD	YES	YES
S03122	Routing and Switching	6	Prof. Georgi Hristov, PhD	YES	YES
S01985	Networks and Systems	6	Prof. Georgi Hristov, PhD	YES	YES
S01992	Routing and Switching in Communication Networks	7	Prof. Georgi Hristov, PhD	YES	YES
S01999	Course Project on Routing and Switching in Communication Networks	2	Prof. Georgi Hristov, PhD	YES	YES
S02000	Networks Protocols	6	Prof. Georgi Hristov, PhD	YES	YES
S03119	Microprocessor Systems	6	Assoc. Prof. Nina Bencheva, PhD	YES	NO
S02003	Digital Television Systems	3	Prof. Teodor Iliev, PhD	NO	YES
SB10672	Television systems	6	Prof. Teodor Iliev, PhD	YES	NO
ADDITIONAL COURSES offered by other faculties for Erasmus students under Bilateral agreements of Faculty of Electrical Engineering, Electronics and Automation				1st sem	2nd sem
S01119	Operating Systems	6	Assoc. Prof. Kameliya Shoylekova	YES	YES
S01076	Object Oriented Programming	8	Assoc. Prof. Rumen Rusev, PhD	YES	YES
SB18032	Communication skills	4	Assoc. Prof. Nataliya Venelinova, PhD	YES	YES
SB17079	Business negotiations	4	Assoc. Prof. Nataliya Venelinova, PhD	YES	YES
SB17061	Public Relations	5	Assoc. Prof. Nataliya Venelinova, PhD	YES	YES
SB17077	Project management	6	Assoc. Prof. Daniela Yordanova, PhD	YES	YES
S02069	Physics	5	Assist. Prof. Stanimir Penev, PhD	YES	YES
S02531	Technology of materials	4	Assoc. Prof. Rusi Minev, PhD	YES	YES
S02073	Material Science	6	Assoc. Prof. Rusi Minev, PhD	YES	YES
S02529	Fluid mechanics	6	Assoc. Prof. Boris Kostov, PhD	YES	YES
S00207	Pipe systems end fittings	4	Assoc. Prof. Boris Kostov, PhD	YES	YES
S00213	Turbo-Pumps and Fans	5	Assoc. Prof. Boris Kostov, PhD	YES	YES
S00210	Gas Supplying	6	Assist. Prof. Pencho Zlatev, PhD	YES	YES
S01844	Industrial Heat Technology	4	Assoc. Prof. Zhivko Kolev, PhD	YES	YES
S00216	Heat exchange devices and systems	5	Assoc. Prof. Zhivko Kolev, PhD	YES	YES
S02546	Thermodynamics and heat transfer	5	Assist. Prof. Zhivko Kolev, PhD	YES	YES
S00217	Positive Displacement Hydraulic Machines	6	Prof. Gencho Popov, PhD	YES	YES

MASTER LEVEL				1st sem	2nd sem
SM12981	Photovoltaic energy systems and farms	7	Prof. Nikola Mihailov, PhD, DHC	YES	YES
SM12989	Design and operation of renewable energy systems and farms	3	Prof. Nikola Mihailov, PhD, DHC	YES	YES
SM12990	Economics and management of renewable energy systems and farms	2	Prof. Nikola Mihailov, PhD, DHC	YES	YES
SM17867	Practicum on Renewable Energy Sources	3	Prof. Nikola Mihailov, PhD, DHC	YES	YES
SM12916	Technical Systems for Electrical Safety	4	Prof. Nikola Mihailov, PhD, DHC	YES	YES
SM17789	Electronic devices for control of renewable energy sources	4	Assist. Prof. Yavor Neikov, PhD	YES	YES
SM17752	Electronic systems for car energy supply control from renewable energy sources	4	Assist. Prof. Yavor Neikov, PhD	YES	YES
SM13976	Automatic control and environmental management systems	3	Assoc. Prof. Tsvetelina Georgieva, PhD	YES	YES
S00312	Embedded control systems	5	Prof. Plamen Daskalov, PhD, Assoc. Prof. Stanislav Penchev, PhD	YES	YES
S00313	Computer Vision	8	Assoc. Prof. Stanislav Penchev, PhD	YES	YES
S00316	Intelligent Systems	5	Assoc. Prof. Stanislav Penchev, PhD	YES	YES
S00716	Computer control of electromechanical systems	4	Assoc. Prof. Tsvetelina Georgieva, PhD	YES	YES
S00261	Mobile Technologies	5	Prof. Tsvetozar Georgiev, PhD	YES	YES
SM13083	Virtual Instruments	4	Prof. Tsvetozar Georgiev, PhD	YES	YES
SM15206	Computer Security	5	Assoc. Prof. Galina Ivanova Pavel Zlatarov, PhD	YES	YES
SM15207	Intelligent Computer Systems	3	Assoc. Prof. Svetlana Stefanova, PhD	YES	YES
SM13955	Programming Systems for Business Modelling	4	Assist. Prof. Elitsa Ibryamova, PhD	YES	YES
SM13070	Security in the Telecommunication Networks	5	Prof. Plamen Zahariev, PhD	YES	YES
SM13069	Virtualization Technologies and Storage Area Networks	5	Prof. Plamen Zahariev, PhD	YES	YES
SM13068	Global Networks and Internet communications	5	Prof. Plamen Zahariev, PhD	YES	YES
SB13075	Design and architectures of the video systems	3	Prof. Teodor Iliev, PhD	YES	YES
SM13052	Coding and Security in the Telecommunication Networks	5	Assoc. Prof. Adriana Borodzhieva, PhD	YES	YES